

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

- (A) NAME: Transgene S.A.
- (B) STREET: 11 rue de Molsheim
- (C) CITY: Strasbourg
- (E) COUNTRY: France
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(ii) TITLE OF INVENTION: New method for the preparation of a viral vector

(iii) NUMBER OF SEQUENCES: 10

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Tape
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 38 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: human adenovirus
- (B) STRAIN: serotype 5
- (C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6597

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GCCGAATTCT TAATTAACAT CATCAATAAT ATACCTTA

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: YES

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: human adenovirus
- (B) STRAIN: serotype 5
- (C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6598

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

GACAGATCTG TCGACGTGGC AGGTAAGATC GATCA

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(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: human adenovirus
- (B) STRAIN: serotype 5
- (C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6599

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

AGGAGATCTG TCGACTCTCA AACATGTCTG CGGGT

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(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 47 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Rous sarcoma virus
(C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG5892

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

GTCGTAGGAT CCAGCTGCTC CCTGCTTGTG TGTTGGAGGT CGCTGAG

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(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 47 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: YES

(vi) ORIGINAL SOURCE:

(A) ORGANISM: Rous sarcoma virus
(C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG5893

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

GTAGCTGACG TCCCAGGTGC ACACCAATGT GGTGAATGGT CAAATGG

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(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: human adenovirus
- (B) STRAIN: serotype 5
- (C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG5455

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

ATCGGAATTC AAGATGATTA GGTAC

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(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 28 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: YES

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: human adenovirus
- (B) STRAIN: serotype 5
- (C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG5456

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

ATCGTCTAGA TTAAGGCATT TTCTTTTC

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(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 36 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

(A) ORGANISM: canine adenovirus

(B) STRAIN: CAV-2

(C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6974

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

CAGGGATCCG CGGCCGCATC ATCAATAATA TACAGG

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(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 29 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: YES

(vi) ORIGINAL SOURCE:

(A) ORGANISM: canine adenovirus

(B) STRAIN: CAV-2

(C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6975

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

CTGCTGCAGT CAGAAATGCT AGCAGGAGA

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(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 27 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iii) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

(A) ORGANISM: canine adenovirus

(B) STRAIN: CAV-2

(C) INDIVIDUAL ISOLATE: synthetic oligonucleotide OTG6976

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TGCGGATCCA CAGACTAAGC GGAGGTA